

Math Practice: Classifying Two-Dimensional Figures

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. Calculate the perimeter of a rectangle with length 8 cm and width 5 cm. Perimeter = ____
2. What is the area of a square with a side length of 6 cm? Area = ____
3. If a triangle has a base of 10 cm and a height of 5 cm, what is its area? Area = ____
4. A square and a rectangle have the same area of 36 cm². What is the side length of the square? Length = ____

5. Circle the shape that is a quadrilateral: Triangle or Square
6. What number comes next in this sequence of polygons? Triangle, Quadrilateral, Pentagon, ____
7. All squares are rectangles. True or False?
 True False
8. What is $1/2 + 1/4$? Answer = ____
9. Multiply $3/5$ by $2/3$. Answer = ____
10. If a parallelogram has a base of 12 cm and a height of 5 cm, what is its area? Area = ____

11. A rhombus has diagonals of 10 cm and 24 cm. What is the area? Area = ____

12. Subtract 4.5 from 9. What is the result? Answer = ____
13. If you convert 300 cm to meters, what is the length in meters? Answer = ____
14. If a shape is both a rectangle and a quadrilateral, how many sides does it have? Answer = ____

15. Circle the greater number: 3//3:

4 or 2

Answer Key

1. 26 2. 36 3. 25 4. 6 5. Square 6. Hexagon 7. True 8. $\frac{3}{4}$ 9. $\frac{2}{5}$ 10. 60 11. 120 12. 4.5 13. 3 14. 4 15. $\frac{3}{4}$